

**DERWENT-ACC-NO:** 2003-309242

**DERWENT-WEEK:** 200409

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**TITLE:** Exhaust manifold for turbo engine

**INVENTOR:** LEE, H S

**PATENT-ASSIGNEE:** LEE H S[LEEH]

**PRIORITY-DATA:** 2001KR-0033092 (June 13, 2001)

**PATENT-FAMILY:**

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KR 391031 B	July 16, 2003	N/A	000	F01N 007/06
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**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
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**ABSTRACTED-PUB-NO:** KR2002094707A

**BASIC-ABSTRACT:**

**NOVELTY** - An exhaust manifold for a turbo engine is provided to improve the efficiency and prevent overheat by changing the flow passage of the exhaust gas of the exhaust manifold.

**DETAILED DESCRIPTION** - An exhaust manifold for a turbo engine comprises an intake port(21) formed at a plurality of branch pipes(2) which is protruded at an upper part of a main pipe(1) and which an exhaust gas exhausted from an engine cylinder is flowed into, an exhaust port(11) protruded at a side of the main pipe of the manifold to discharge the exhaust gas toward a turbine of turbocharger, a coolant inlet(131) supplying coolant to a coolant pipe of the main pipe comprising an exhaust passage and the coolant pipe covering the passage, and a coolant outlet which the coolant is discharged through. A partition is formed at the inner center of the manifold so as to divide an exhaust gas passage and a coolant passage into two parts.

**CHOSEN-DRAWING:** Dwg.1/10

**TITLE-TERMS:** EXHAUST MANIFOLD TURBO ENGINE

**DERWENT-CLASS:** Q51

